



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV7MM-2N (7mm Remington Mag)

175 gr. Speer "Grand Slam"

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)

Maximum Point Blank Range is 245 yards. Set Zero at 210 yards

Trajectory for Speer .284 dia. 175 gr. Grand Slam at 2874 Feet per Second

At an Elevation Angle of: 0 degrees

Range (Yards)	Velocity (Ft/Sec)	Energy (Ft/Lbs)	Momentum (Ft-Lbs)	Drop (inches)	Bullet Path (inches)	Wind Drift (inches)	Time of Flight (Seconds)
0	2874	3209.1	2.23	0	-1.5	0	0
25	2823.5	3097.3	2.19	-0.13	-0.23	0	0.026328539
50	2773.6	2988.7	2.16	-0.54	0.77	0	0.053129573
75	2724.2	2883.2	2.12	-1.23	1.48	0	0.080414666
100	2675.4	2780.8	2.08	-2.21	1.9	0	0.10819586
125	2627.1	2681.4	2.04	-3.49	2.02	0	0.136485726
150	2579.4	2584.8	2	-5.09	1.83	0	0.165297425
175	2532.1	2491	1.97	-7.01	1.3	0	0.194644436
200	2485.4	2399.8	1.93	-9.28	0.44	0	0.224541255
225	2439	2311.2	1.9	-11.89	-0.77	0	0.255003369
250	2393.2	2225.2	1.86	-14.87	-2.35	0	0.286046401
275	2347.9	2141.7	1.82	-18.23	-4.31	0	0.317686257
300	2303.1	2060.7	1.79	-21.99	-6.66	0	0.349939461
325	2258.7	1982.1	1.76	-26.15	-9.42	0	0.382823357
350	2214.8	1905.8	1.72	-30.74	-12.6	0	0.416356103
375	2171.4	1831.8	1.69	-35.77	-16.23	0	0.450556581
400	2128.4	1760	1.65	-41.27	-20.32	0	0.485444279
425	2086	1690.5	1.62	-47.24	-24.89	0	0.521039246
450	2044	1623.2	1.59	-53.71	-29.96	0	0.557362086
475	2002.5	1558	1.56	-60.7	-35.55	0	0.594434016
500	1961.6	1494.9	1.52	-68.23	-41.68	0	0.632276909
525	1921.1	1433.9	1.49	-76.33	-48.38	0	0.670913312
550	1881.2	1375	1.46	-85.02	-55.66	0	0.7103664
575	1841.9	1318	1.43	-94.32	-63.56	0	0.750659887
600	1803.1	1263.1	1.4	-104.26	-72.1	0	0.791817903